

# Converting Colors

Hex(E7C8EA)

Have a look what the booklet for  
Hex(E7C8EA) contains.

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# Color

**Hex(E7C8EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7C8EA
RGB	231, 200, 234
RGB Percent	91%, 78%, 92%
CMY	0.0941, 0.2157, 0.0824
CMYK	0.01, 0.15, 0.00, 0.08
HSL	295°, 45%, 85%
HSV	295°, 15%, 92%
XYZ	68.4606, 64.2380, 86.6328
YIQ	213.1450, 7.5620, 17.1460

# Conversions

## Conversions Part 2

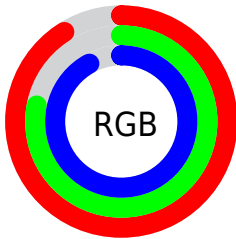
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 200, 234
Decimal	15190250
CIE Lab	84.09, 16.78, -12.76
CIE LCh	84, 21.078, 322.751
Yxy	64.2380, 0.3121, 0.2929
Android (android.graphics.Color)	4293380330 (0xFFE7C8EA)
YUV	213.1450, 10.2815, 15.6588
Hunter-Lab	80.1486, 12.2093, -7.9827

# Details

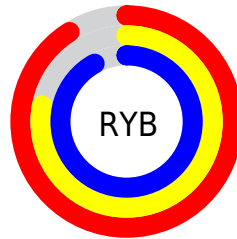
The Hex color **E7C8EA** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **CBEAC8**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFFF**, and **AF92B2** is the 20% darker color. If you saturate the color by 10%, you get **E5B1EA**, and if you desaturate by 10%, it is **E9DFEA**.

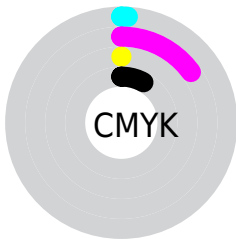
# Distribution



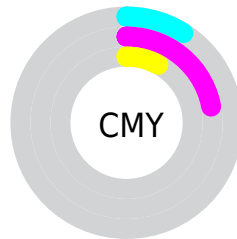
- Red (91%)
- Green (78%)
- Blue (92%)



- Red (91%)
- Yellow (78%)
- Blue (92%)



- Cyan (1%)
- Magenta (15%)
- Yellow (0%)
- Black (8%)



- Cyan (9%)
- Magenta (22%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7C8EA changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color E7C8EA by changing the saturation by 10% instead.



 E7C8EA

FFFFFF

 E7C8EA

 CBADCE

 AF92B2

 947898

 7A5F7E

 614765

 49314D

 321B36

 1E0321

 000006

 E7C8EA

 E7C8EA

 E5B1EA

 E9DFEA

 E399EA

 EBF7EA

 E182EA

 EDFFEA

 DF6AEA

 EFFFEA

 DD53EA

 F1FFEA

 DB3CEA

 F3FFEA

 D924EA

 F5FFEA

 D60DEA

 F8FFEA

 D500EA

 FAFFEA

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CFCEF6



E7C8EA



F7C4D7

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E7C8EA



E6CFAB



9DDDE0

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



E7C8EA



CBEAC8

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



A7DDCC



E7C8EA



D1D5AD

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E7C8EA



F5C8B3



BADAB9



A2DAF1

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E7C8EA



FBC4CA



BADAB9



9EDDDA



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



E7C8EA



FEF5FF



C8CBEA



7F7980



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



E7C8EA



FBD4FF



EAC8DC



746A75



A500B5



310036



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



EAC8CB



FFD4D7



C8EAD6



756A6B



B50010

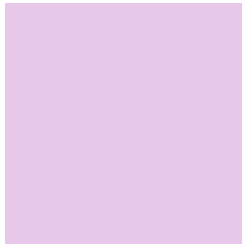


360005



# Previews

## White Background



This preview shows how the Hex color E7C8EA looks on a white background.

## Color Contrast Check

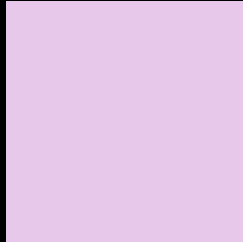
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color E7C8EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E7C8EA Background



This preview shows how black text looks on a background with the Hex color E7C8EA.

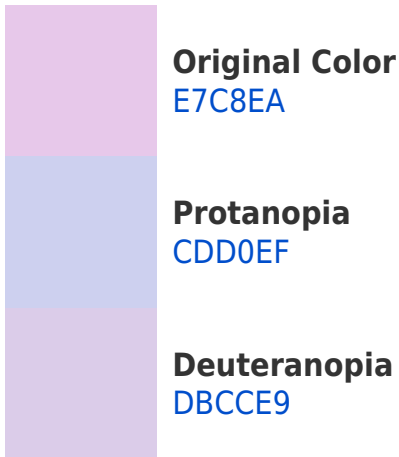


This preview shows how white text looks on a background with the Hex color E7C8EA.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
E5CBDB

# Trichromacy



**Original Color**  
E7C8EA

**Protanomaly**  
D6CEDD

**Deuteranomaly**  
DFCBE9

**Tritanomaly**  
E6CAE0

# Monochromacy



**Original Color**  
E7C8EA

**Achromatopsia**  
D5D5D5

**Achromatomaly**  
DCD0DD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7C8EA is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E7C8EA looks like.

```
.text, #text, p{  
    color:#E7C8EA  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E7C8EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7C8EA
}
```

## Border

The CSS property to change the border of an element to Hex E7C8EA is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E7C8EA }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E7C8EA }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #E7C8EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7C8EA; -webkit-box-shadow:4px 4px  
4px 4px #E7C8EA; box-shadow:4px 4px 4px  
4px #E7C8EA }
```

# Background

The CSS property to change the background color of an element to Hex E7C8EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7C8EA }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E7C8EA }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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